APR 2 0 2007 W

Docket No.: 58086-232072

(PATENT)

## THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

George GRUNER

Art Unit: 1754

Application No: 10/582,407

Examiner: Not Yet Assigned

Confirmation No: 1100

Filed: June 9, 2006

Atty. Docket No: 58086-232072

Customer No:

For: ACTIVE ELECTRONIC DEVICES WITH

NANOWIRE COMPOSITE

COMPONENTS

\*26694\*
PATENT AND TRADEMARK OFFICE

## SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT (IDS)

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear on any patent to issue therefrom. A copy of each of documents are enclosed.

This Supplemental Information Disclosure Statement is filed before the mailing date of a first Office Action on the merits as far as is known to the undersigned (37 CFR 1.97(b)(3)).

In accordance with 37 CFR 1.97(g), the filing of this Supplemental Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the

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PTO/SB/17 (07-06)
Approved for use through 01/31/2007. OMB 0651-0032
Trademark Office; U.S. DEPARTMENT OF COMMERCE

Note: the Panenwork Put	Viction Act of 1995	no person are re	ouired to	U.S. Patent	and Trader	nark Office; U.S. DEP	ARTMENT (	OF COMMERCE
The repetition of 12/08/2004			U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE or respond to a collection of information unless it displays a valid OMB control number.  Complete if Known					
Fees pursuant to the Consolid				Application Num		10/582,407		
FEE TRA	ANSM	ΙΔΤΤΙ		Filing Date		June 9, 2006		
				First Named Inv	entor	George Gruner		
For	FY 200	)		Examiner Name		Not Yet Assign	ed	
X Applicant claims sma	all entity status.	See 37 CFR 1.2	7	Art Unit		1754		
TOTAL AMOUNT OF PA	YMENT	(\$) 0.00		Attorney Docket	No.	58086-232072		
METHOD OF PAYME	NT (check all t	hat apply)						
Check Credit	Card N	1oney Order	Nor	ne Other (	please ider	ntify):		
X Deposit Account De	posit Account Numb	er: <u>22-0261</u> (	Deposit Acc	ount Name:	-	Venable LLF	)	
For the above-ide	ntified deposit a	account, the D	irector is	hereby authorize	d to: (che	ck all that apply)		
<u> </u>	s) indicated bel			<u> </u>	•	dicated below, ex	cept for t	he filing fee
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1. BASIC FILING, SEARC	H. AND EXAM	INATION FEI	ES					
	FILIN	G FEES		ARCH FEES	EXAMI	NATION FEES		
Application Type	Fee (\$)	Small Entity	Fee (\$	Small Entity	Fee (\$)	Small Entity	Food	Paid (\$)
Utility	300	<u>Fee (\$)</u> 150	500	) <u>Fee (\$)</u> 250	200	<u>Fee (\$)</u> 100	rees	- alu (v)
Design	200	100	100	50	130	65		
Plant	200	100	300	150	160	80		
Reissue	300	150	500	250	600	300		
Provisional	200	100	0	0	000	0		
2. EXCESS CLAIM FEES	200	100	Ū	v	v	Ū		Small Entity
Fee Description							Fee (\$)	Fee (\$)
Each claim over 20 (inclu	ding Reissues)						50	25
Each independent claim o	ver 3 (includin	g Reissues)					200	100
Multiple dependent claim	s						360	180
Total Claims Extra	a Claims F	ee (\$)	Fee F	Pald (\$)	<u>N</u>	lultiple Depende	nt Claims	
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3. APPLICATION SIZE FEE  If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).								
_	Extra Sheets		of each a	dditional 50 or frac			<u>Fee</u>	Paid (\$)
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4. OTHER FEE(S)  Non-English Specification, \$130 fee (no small entity discount)  Fees Paid (\$)								
Other (e.g., late filing surcharge):								
SUBMITTED BY								
Signature	mw L	dh Vaa		Registration No. (Attorney/Agent)	42,459	Telephone	(202) 34	4-4362
Name (Print/Type) Henry J	. Daley	wy		V. Serveji Bomi		Date Apr	\$ 20.	2007
	110					1 ()	<del>- /</del>	

Application No.: 10/582,407 Docket No.: 58086-232072

filing of this Supplemental Information Disclosure Statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

It is submitted that the Supplemental Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed documents.

It is believed that no fee is due for the submission of this Supplemental Information Disclosure Statement. However, the Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 22-0261, under Order No. 58086-232072. A fee transmittal is enclosed.

Dated: April 20, 2007

Respectfully submitted,

Henry J. Daley

Registration No.: 42,459

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Sub	estitute for form 1449A/B/PT	·O		Complete if Known		
		-		Application Number	10/582,407	
11	<b>IFORMATION</b>	N DI	SCLOSURE	Filing Date	June 9, 2006	
S	TATEMENT !	BY A	APPLICANT	First Named Inventor	George GRUNER	
_				Art Unit	1754	
	(Use as many sh	eets as	necessary)	Examiner Name	To Be Assigned	
Sheet	1	of	2	Attorney Docket Number	58086-232072	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \(^1\) Applicant's unique citation designation number (optional). \(^2\) See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. \(^3\) Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). \(^4\) For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. \(^5\) Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. \(^6\) Applicant is to place a check mark here if English language Translation is attached.

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
	1	AGO, H., et al., "Composites of Carbon Nanotubes and Conjugated Polymers for Photovoltaic Devices", <i>Advanced Materials</i> , 11, No. 15, p. 1281-1285 (1999)	
	2	ARMITAGE, N.P., "Quasi-Langmuir-Blodgett Thin Film Deposition of Carbon Nanotubes," Journal of Applied Physics Letters, Vol. 95, No. 6, March 15, 2004, p. 3228-3330.	
	3	BACHTOLD, Adrian, et al., "Logic Circuits with Carbon Nanotube Transistors", <u>Science</u> , Vol. 294, November 9, 2001, p. 1317-1320.	
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Examiner	Date	
Signature	Considered	

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Sut	ostitute for form 1449A/B/PT	·o		Complete if Known		
				Application Number	10/582,407	
11	<b>NFORMATION</b>	1 DI	SCLOSURE	Filing Date	June 9, 2006	
l s	TATEMENT E	3Y /	APPLICANT	First Named Inventor	George GRUNER	
				Art Unit	1754	
	(Use as many sh	eets as	s necessary)	Examiner Name	To Be Assigned	
Sheet	2	of	2	Attorney Docket Number	58086-232072	

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<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>&</sup>lt;sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.